

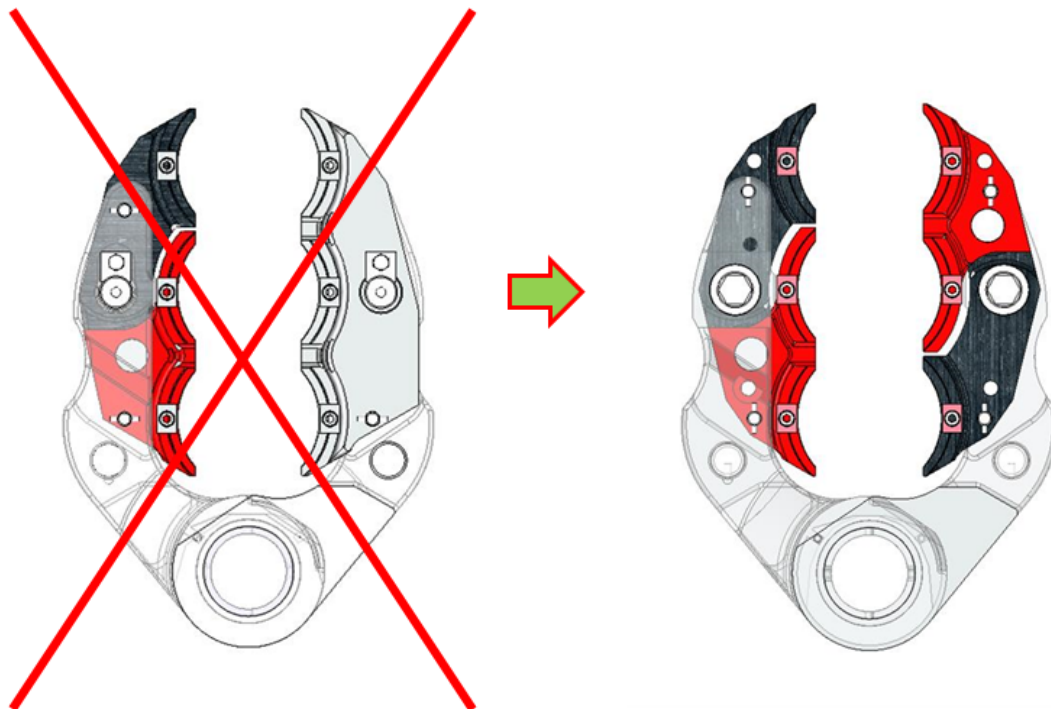
Technical News Bulletin

Cham, March 2016

New TG 85 mm Insert set up's for enhanced NNPB production

Introduction

The improved insert arrangement on the 85 mm TG application (5" sections) distributes the blank and blow mold clamping force equal within the cavities. The rotation symmetric design of a double insert and a single insert enables the equal clamping forces by design among the inner, center and outer molds. As a consequence especially NNPB productions as also the B&B produced containers are significantly improved.



Old - Mold Clamping Force Distribution - New

Specification

The new 85 mm TG Insert arrangements are now standard for VertiFlow and stack cooling
See master list 200-360

Availability / Application

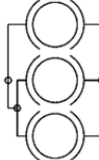
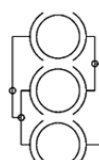
Assembly groups can be replaced 1:1, within all existing setups (assembly to assembly)

New 85 mm TG machines

- The new standard insert arrangement will be supplied with new 85 TG machines (new type mold holder arm)
- Customer insist on unbalanced old type insert arrangement can order it as a customer special

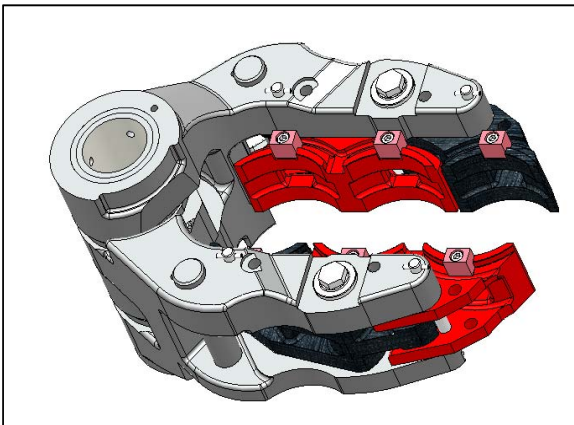
Upgrades existing 85 mm TG machines

- Upgrades are available and include the new type mold holder arm

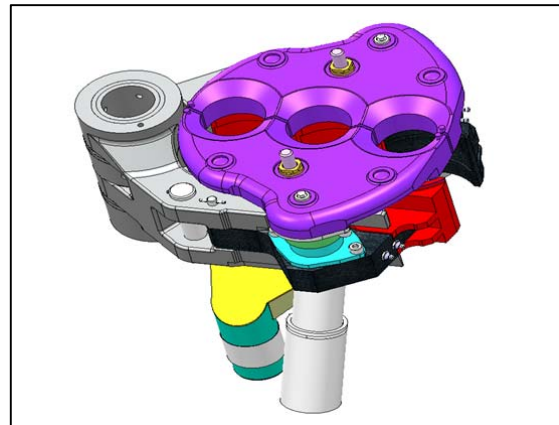
	Part No.	Description	Successor	Part No.
	200-367-01	Mold Dia 95 W=53.7 BK H= 20 / BW H= 0		200-2161-01
	200-367-02	Mold Dia 95 W=113.7 BK H= 50 / BW H= 30		200-2161-02
	200-367-03	Mold Dia 95 W=68.7 BK H= 35 / BW H= 15		200-2161-03

Outdated old unbalanced 85 mm TG insert arrangement

- As spare parts continues to be available.



Example: Stack Cooling blank



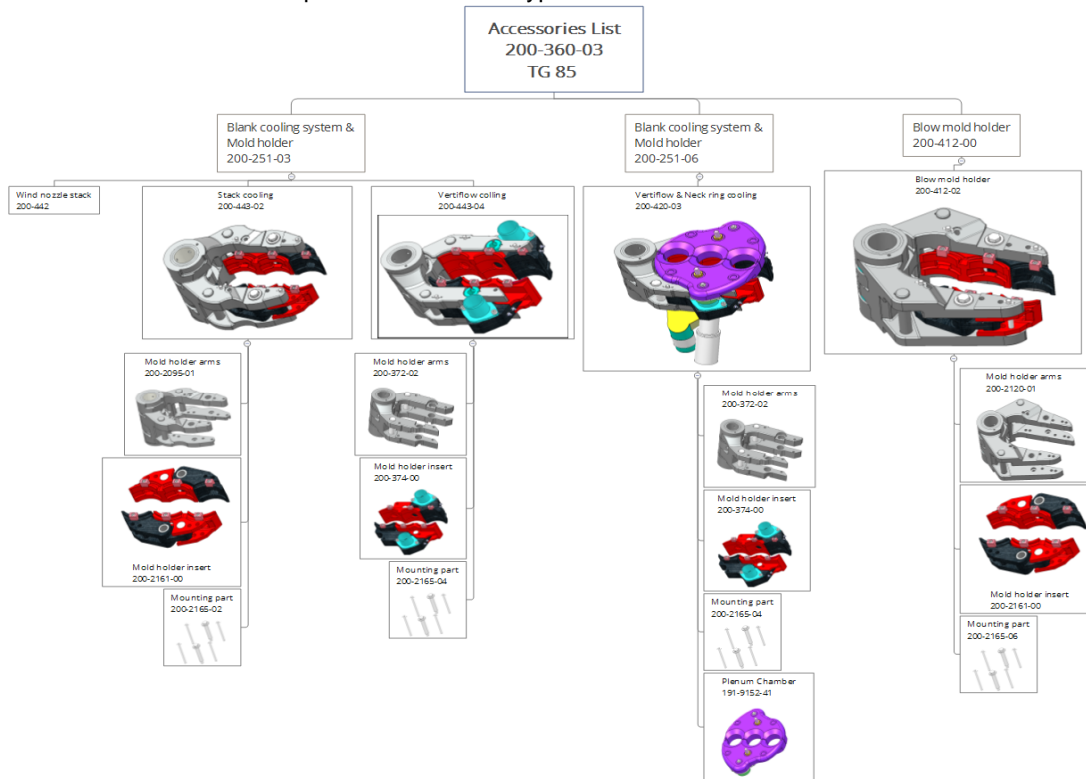
VertiFlow blank

Installation requirements

Upgrade existing machines

Requires to order the new mold holder arms with the new point symmetrical insert arrangements and can be used without any restrictions. In particular cases minor modifications are required.

The new Inserts are **NOT** compatible with the old type mold holder arms.



Features / Benefits

Feature	Benefit
Point symmetric design with one single insert	Balanced and equal clamping force distribution within the 3 cavities => increased container quality => less blank and mold seams
Equal clamping force on the different cavities/molds	Improved container quality especially on NNPB
Balanced cavity force on the different molds	Less mold wear more robust for mold wear